

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: July 21, 2001, 10:15:34 ; Search time 3666.61 Seconds
(without alignments)
11849,885 Million cell updates/sec

Title: US-09-587-111-4
Perfect score: 2809
Sequence: 1 ggctagcctctctgacagg.....aaaaaaaaaaaaaaaaaaaaa 2809

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1344157 seqs, 7733874588 residues
Total number of hits satisfying chosen parameters: 2688314

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	2766.8	98.5	2783	9 AX017826
3	2720.6	96.9	2765	9 AX023769
4	2720.6	96.9	2765	91 AX023795
5	2473.6	88.1	2507	88 AF103906
6	2379.4	84.7	2397	89 AF129112
7	2347.8	83.6	2351	9 AX019706
8	2333.4	83.1	2348	9 AX019710

DEFINITION Sequence 1 from Patent WO9946377.
ACCESSION AX017826
VERSION AX017826.1 GI:10042430
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
REFERENCE 1 (bases 1 to 2783)
AUTHORS Renard, S. and Partisetti, M.
TITLE A human vanilloid receptor-like cation channel
JOURNAL Patent: WO 9946377-A 1 16-SEP-1999;
SANOFI SYNHELABO (FR); RENARD STEPHANE (FR); PARTISETTI MICHEL (FR)
FEATURES
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Matches 2781; Conservative 0; Mismatches 2; Indels 3; Gaps 1;

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VERSION	AX023795.1	GI:10184146
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ORGANISM	Homo sapiens	
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiinae; Homo. 1 (bases 1 to 2765)	
AUTHORS	England S., Wood, J.N. and Garcia-R.	
TITLE	Ion channels, in particular vanilloid receptor - like (vr-1) receptor	
JOURNAL	Patent: WO 0022121-A 20-APR-2000;	
	UNIV LONDON (GB) ; ENGLAND STEVEN (GB) ; WOOD JOHN NICHOLAS (GB)	
FEATURES	GARCIA REYNALDO (PH)	
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	/db_xref="taxon:9606"	
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Dp	300	TTGACATCTCCATCTGCACAGAGGCTCGGCTGGACCGAGAGCCCTCTCTCTAGAT	359
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE 1 (bases 1 to 2397)
AUTHORS Caterina,M.J., Rosen,T.A., Tomlinaga,M., Brake,A.J. and Julius,D.
TITLE A capsicin-receptor homologue with a high threshold for noxious
heat
JOURNAL Nature 398 (6726), 436-441 (1999)
MEDLINE 99215558
REFERENCE 2 (bases 1 to 2397)
AUTHORS Caterina,M.J., Rosen,T.A., Tomlinaga,M., Brake,A.J. and Julius,D.
TITLE Direct Submission
JOURNAL Submitted (17-FEB-1999) Cellular and Molecular Pharmacology,
University of California, 513 Parnassus, San Francisco, CA 94143,
USA
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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REFERENCE 1 (bases 1 to 2351)
AUTHORS Duckworth,D.M., Davis,J.B. and Hayes,P.D.
TITLE Human vanilloid receptor homologues
JOURNAL Patent: WO 937765-A.1 29-JUL-1999;
SMITHKLINE BEECHAM PLC (GB)
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 Human sapiens
 Chordata; Craniata; Vertebrata; Euteleostomi;
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 REFERENCE 1 (bases 1 to 2348)
 AUTHORS Duckworth,D.M., Davis,J.B. and Hayes,P.D.
 TITLE Human vanilloid receptor homologues
 JOURNAL Patent: WO 9337765-A 5 29-JUL-1999;
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 REFERENCE 1 (sites)
 AUTHORS Kanzaki,M., Zhang,Y.-Q., Mashima,H., Li,L., Shibata,H. and Kojima,I.
 TITLE Translocation of a calcium-permeable cation channel induced by insulin-like growth factor-I
 JOURNAL Nature Cell Biol. 1, 165-170 (1999)
 REFERENCE 2 (bases 1 to 2824)
 AUTHORS Kanzaki,M., Zhang,Y. and Kojima,I.
 TITLE Direct Submission
 JOURNAL Submitted (21-DEC-1998) to the DDBJ/EMBL/Genbank databases, Makoto Kanzaki, Institute for Molecular and Cellular Regulation, Cell Biology, Showa-machi, Meibashi 371-8512, Japan (E-mail: kanzakim@kag1.sb.gunma-u.ac.jp, Tel:81-27-220-8836, Fax:81-27-220-8893)

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AUTHORS	1 (bases 1 to 2718)	
TITLE	Caterina,M.J., Rosen,T.A., Tomlinaga,M., Brake,A.U. and Julius,D.	
JOURNAL	A capsaicin-receptor homologue with a high threshold for noxious heat	
MEDLINE	Nature 398 (6726), 436-441 (1999)	
REFERENCE	99215558	
AUTHORS	2 (bases 1 to 2718)	
TITLE	Caterina,M.J., Rosen,T.A., Tomlinaga,M., Brake,A.U. and Julius,D.	
JOURNAL	Submitted (17-FEB-1999) Cellular and Molecular Pharmacology, University of California, 513 Parnassus, San Francisco, CA 94143, USA	
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 AB029330
 AB029330.1 GI:6635237
 stretch activated channel 2B.
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 Euarctota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
 Rattus.
 1 (bases 1 to 2713)
 Ishibashi, K.
 Molecular cloning of a stretch activated channel from rat kidney
 Published Only in Database (1999) In press
 2 (bases 1 to 2713)
 Ishibashi, K.
 Direct Submission
 Submitted (24-JUN-1999) to the DDBJ/EMBL/GenBank databases. Kenichi
 Ishibashi, Jichi Medical School, Pharmacology; Minami-Kawachi,
 Kawachi, Tochigi 329-0498, Japan (E-mail:kishiba@jichi.ac.jp,
 Tel:81-285-56-7526, Fax:81-285-44-5541)
 Location/Qualifiers
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